



# National Weather Service

## Storm Data and Unusual Weather Phenomena



June 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	

### ATLANTIC NORTH

ANZ230	Boston Harbor							
Boston Light	02	1159EST			0	0		Marine Tstm Wind (G35)
ANZ230	Boston Harbor							
Boston Light	02	1300EST			0	0		Marine Tstm Wind (G34)
ANZ250	Merrimack River Ma And Out 20Nm To Plymouth Ma And Out 40Nm							
Minot Light	02	1300EST			0	0		Marine Tstm Wind (G34)
ANZ250	Merrimack River Ma And Out 20Nm To Plymouth Ma And Out 40Nm							
Stellwagen Bank	02	1345EST			0	0		Marine Tstm Wind (G35)
	Boston Buoy 44013							
ANZ230	Boston Harbor							
Boston Light	27	1746EST			0	0		Marine Tstm Wind (G40)
ANZ250	Merrimack River Ma And Out 20Nm To Plymouth Ma And Out 40Nm							
Minot Light	27	1746EST			0	0		Marine Tstm Wind (G40)
ANZ250	Merrimack River Ma And Out 20Nm To Plymouth Ma And Out 40Nm							
Rockport	27	1800EST			0	0		Marine Tstm Wind (G53)
	Gloucester Buoy							
ANZ254	Provincetown Ma To Chatham Ma To Nantucket Ma Out 20Nm							
Chatham Light	28	1445EST			0	0		Marine Tstm Wind (G40)

### CONNECTICUT, Northeast

Hartford County								
Manchester	06	0030EST			0	0	2K	Lightning
Lightning struck a tree next to a house in Manchester, traveling through the rear of the house and ending up in the garage. It sparked a small fire, which left several beams in the garage charred, but damage was minor.								
Hartford County								
Granby to North Granby	16	1520EST 1532EST			0	0		Hail(0.75)
Hartford County								
East Windsor to Enfield	16	1551EST 1605EST			0	0		Hail(0.75)
Tolland County								
Ellington to East Willington	16	1601EST 1615EST			0	0		Hail(1.00)
Severe thunderstorms produced dime sized hail in Hartland, Granby, Suffield, Enfield, Ellington, and Tolland. The storms strengthened when they reach Willington, where quarter sized hail was reported. There were no reports of injuries or damage from the hail.								

### MASSACHUSETTS, Central and East

Worcester County								
Gardner	02	1051EST			0	0		Hail(0.75)
Middlesex County								
Dracut	02	1238EST			0	0		Hail(0.75)
Essex County								
Swampscott	02	1315EST			0	0	5K	Thunderstorm Wind (G50)
Isolated severe thunderstorms produced dime sized hail in Gardner and Dracut, and downed trees and wires in Swampscott.								



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<b><u>MASSACHUSETTS, Central and East</u></b>							
<b>Franklin County</b>							
Heath	05	2050EST			0 0	2K	Thunderstorm Wind (G50)
An isolated severe thunderstorm downed large branches in Heath							
<b>Norfolk County</b>							
Stoughton	06	0010EST			0 0	5K	Lightning
Lightning struck a main power cable, knocking out electricity to about 1,000 customers in Stoughton.							
<b>Hampden County</b>							
Southwick	16	1522EST			0 0		Hail(0.75)
<b>Worcester County</b>							
Spencer to Milford	16	1548EST 1625EST			0 0		Hail(0.75)
<b>Worcester County</b>							
Oxford	16	1558EST			0 0	20K	Thunderstorm Wind (G58) <sup>M</sup>
Microburst							
<b>Norfolk County</b>							
Wrentham	16	1630EST			0 0	5K	Thunderstorm Wind (G50)
Severe thunderstorms moved across parts of central and eastern Massachusetts. Dime sized hail was reported in Hampden and Worcester Counties, from Southwick to Spencer, Oxford, Leicester, Millbury, and Milford. The storms also downed trees and power lines in Wrentham before weakening.							
The same storms also produced a microburst in Oxford, bringing down several large, old trees. Other trees were downed on town and private property, utility poles were brought down, some roofs were slightly damaged, and the flagpole at the Middle School was bent by a falling tree. The microburst appeared to originate along Old Dudley Road and travel to Pineridge Drive, through South Cemetery, across Route 12 and Interstate 395, to Brown Road. A trained spotter measured a wind gust to 67 MPH as the storms moved through.							
<b>Norfolk County</b>							
Medfield	17	1955EST			0 0		Hail(0.75)
<b>Worcester County</b>							
Milford	17	1955EST			0 0		Hail(0.75)
A small cluster of severe thunderstorms dropped dime sized hail in Milford and Medfield							
<b>Bristol County</b>							
Dighton	26	0300EST			0 0	5K	Lightning
<b>Bristol County</b>							
Swansea	26	0319EST			0 0	20K	Lightning
Lightning from early morning thunderstorms struck two trees in Dighton which took down power lines. A house in Swansea sustained heavy damage after a lightning strike ignited a fire. No injuries were reported.							
<b>Hampshire County</b>							
Easthampton	27	1538EST			0 0	12K	Thunderstorm Wind (G50)
<b>Worcester County</b>							
Shrewsbury	27	1625EST			0 0	20K	Thunderstorm Wind (G50)
<b>Hampshire County</b>							
Belchertown	27	1630EST			0 0	5K	Thunderstorm Wind (G50)
<b>Middlesex County</b>							
Wayland	27	1655EST			0 0	5K	Thunderstorm Wind (G50)



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### MASSACHUSETTS, Central and East

#### Worcester County

Westborough to Shrewsbury	27	1735EST 1752EST			0      0	15K	Thunderstorm Wind (G50)
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#### Worcester County

Westborough	27	1741EST			0      0	500K	Lightning
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#### Middlesex County

Weston	27	1745EST			0      0	5K	Thunderstorm Wind (G50)
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#### Middlesex County

Lowell to Billerica	27	2000EST 2110EST			0      0	25K	Lightning
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#### Suffolk County

Winthrop	27	2010EST			0      0	100K	Lightning
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Severe thunderstorms moved through parts of central and northeast Massachusetts, with many reports of downed trees, power lines, and large branches from Easthampton to Shrewsbury, Westborough, Weston, and Wayland

The storms also produced frequent lightning, and lightning strikes caused additional damage in Worcester, Middlesex, and Suffolk Counties. In Westborough, lightning ignited a fire in a utility building at National Grid which caused extensive damage. The five-alarm fire spewed black smoke over Route 9, but never threatened the nearby dispatch center which serves more than 1.6 million customers. Around the same time, lightning struck the attic of a house in Winthrop, causing significant damage. Several lightning strikes were also reported from Lowell to Billerica, causing scattered power outages

### NEW HAMPSHIRE, Southern

#### Hillsborough County

Manchester	26	1815EST			0      0	10K	Thunderstorm Wind (G50)
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Thunderstorm winds downed several trees and branches in Manchester, primarily near Lamb Road, Newton Road, and Coliseum Avenue.

#### Hillsborough County

Hillsborough	27	1830EST			0      0	5K	Thunderstorm Wind (G50)
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A severe thunderstorm downed large branches in Hillsborough.

### RHODE ISLAND

#### Washington County

Hopkinton	16	1700EST			0      0	5K	Thunderstorm Wind (G50)
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A severe thunderstorm downed large branches in Hopkinton.

#### Kent County

Coventry	19	1345EST			0      0		Hail(0.75)
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An isolated severe thunderstorm produced dime sized hail in Coventry, near Johnson's Pond, and lasted for about two minutes.

#### Providence County

Scituate	22	1415EST			0      0	2K	Thunderstorm Wind (G50)
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#### Providence County

West Glocester	22	1420EST			0      1		Lightning
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A severe thunderstorm downed large branches and wires in Scituate. In West Glocester, a lifeguard was struck by lightning as the storms moved through, and was treated for minor injuries at a local hospital.